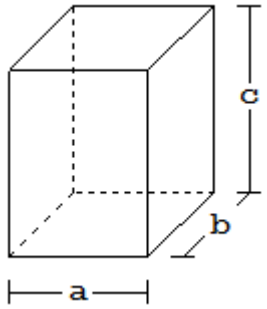
# Klapptest – Quader-Volumen 3

Falte das Blatt entlang der Linie und berechne die fehlenden Größen.

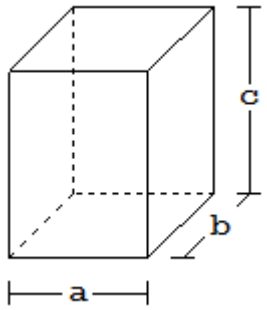
1. Aufgabe: Berechne.




a = 5 cm
b = 11 cm
c = 8,6 cm
V = _____ O = _____

V = a·b·c
**V = 473 cm³**
O = 2ab+2bc+2ac
**O = 385,2 cm²**

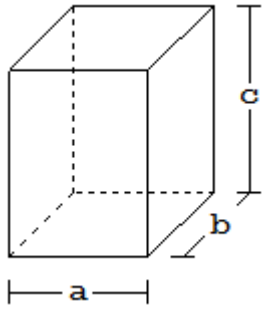
2. Aufgabe: Berechne.




a = 9 m
b = 6,5 m
c = _____
V = 427,05 m³ O = _____

c = 427,05:9:6,5
**c = 7,3 m**
O = 2ab+2bc+2ac
**O = 343,3 m²**

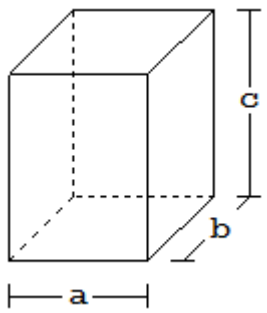
3. Aufgabe: Berechne.




a = _____
b = 5,5 m
c = 12,8 m
V = _____ O = 364,06 m²

a = (O-2bc):(2b+2c)
**a = 6,1 m**
V = a·b·c
**V = 429,44 m³**

4. Aufgabe: Berechne.




a = 8 dm
b = _____
c = 8,7 dm
V = _____ O = 386,36 dm²

b = (O-2ac):(2a+2c)
**b =7,4 dm**
V = a·b·c
**V = 366,912 dm³**

Ergebnis:

**___/12 P.**